

Amendments to the Specification

Please replace the paragraph on page 1, lines 10-16 with the following amended paragraph:

Standard USB hub apparatus uses a USB cable to connect a USB host and a plurality of USB devices to perform USB data communications. Fig. 5 shows a configuration of a standard USB hub. In Fig. 5, standard USB hub apparatus 500 uses a HUB function 510 to connect a USB host ~~[[520]]~~ 550 and a plurality of USB devices (two in the case of Fig. 5) to perform USB data communications through respective data line 520-522. Power 540 from the USB host 550 is fed to the USB devices 551, 552. A USB system having ~~[[a]]~~ the USB host ~~[[520]]~~ 550 and a plurality of USB devices is also described in the Japanese Patent Laid-Open No. 2001-256172.

Please replace the paragraph on page 15, lines 6-22 with the following amended paragraph:

Fig. 2 shows a configuration of a USB unit controller according to Embodiment 2 of the invention. A USB unit controller 200 shown in Fig. 2 comprises a hub function 210, a device control function 220, a bus management function 230, and a Vbus 266 of a port A as a power line (Vbus) drawn from the bus management function 230, on top of standard USB hub apparatus 500 shown in Fig. 5. The USB unit controller 200 comprises a port AB1 (241) for connecting a dual-role device 281, a port B (243) for connecting a USB host 280, ~~[[and]]~~ a port A (244) for connecting a USB host 282, and data lines 260 and 292. The device control function 220 comprises a connection state management function 221 for managing the connection state and the current state of a dual-role device 281 and the connection order of dual-role devices and an OTG management function 222 for detecting the Session Request Protocol (SRP) in the OTG

Specifications and executing the Host Negotiation Protocol (HNP). Basic operation of the USB unit controller 200 is the same as that in Embodiment 1 except for power feeding.

Please replace the paragraph on page 16, lines 9-16 with the following amended paragraph:

When power fed via the Vbus 265 of the port B from the USB host is suspended (interrupted), the bus management function 230 detects disconnection of the USB host 280 based on a change in the voltage at the Vbus 265 of the port B and reports to the device control function 220 ~~[[20]]~~ via a control line 270. The device control function 220 controls the bus management function 230 to shut down the power feeding to the Vbus from the port A.

Please replace the paragraph on page 18, lines 6-17 with the following amended paragraph:

Fig. 3 shows a configuration of a USB unit controller according to Embodiment 3 of the invention. The USB unit controller 300 shown in Fig. 3 comprises a device control function 320 and a bus management function 330 on top of standard USB hub apparatus shown in Fig. 5. The device control function 320 includes a connection state management function 321. The USB unit controller 300 comprises a port AB1 (341) for connecting a dual-role device 381, a port AB2 (342) for connecting a dual-role device 382, and a port AB3 (343) for connecting a dual-role device 383. A HUB function 310 comprises a host switchover detecting function 315. A USB unit controller 300 further includes bus signals 350-352 and control line 370. Basic operation of the USB unit controller 300 is the same as that in Embodiment 1 except for the host switchover detecting function 315.

Please replace the paragraph on page 20, lines 7-15 with the following amended paragraph:

The USB unit controller 300 decodes the specific request in step S410 and determines whether the request can be implemented (S420). In case the request cannot be implemented, execution proceeds to step S440, where the USB unit controller 300 reports to the dual-role device 381 that the request cannot be implemented. In case the request can be implemented execution proceeds to step S430, where the USB unit controller 300 reports to the dual-role device 381 that the request can be implemented.